



Fast and Fast Wide SCSI-2 and Enhanced IPI-2 Interfaces

INCH FAMILY

- *Industry's highest performance 5.25-inch disc drives*
- *Five year limited warranty*
- *Two head parallel enhanced IPI-2 option*
- *5,400 RPM spindle speed reduces average latency to 5.56 msec*

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For additional information, please call 408/438-8111.





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	ST43400N ST43400ND Elite 3	ST43401N ST43401ND Elite 3	ST43402ND Elite 3	ST43200K Elite 3, 2HP	ST410800N ST410800ND Elite 9	ST410800W ST410800WD Elite 9
Capacity						
Unformatted Mbytes	3,555	3,555	3,555	3,386	10,800	10,800
Formatted Mbytes (512 bytes/sector)*	2,912	2,912	2,912	NA	9,090	9,090
Interface						
	Fast SCSI-2	Fast Wide SCSI-2	Fast Wide SCSI-2 (dual port)	IPI-2 (Enhanced dual port)	Fast SCSI-2	Fast Wide SCSI-2
Performance						
Internal Trans Rate, ZBR (Mbits/sec)	35 to 52	35 to 52	35 to 52	70 to 104	44 to 65	44 to 65
Internal Average (Mbytes/sec)	6	6	6	12	7.2	7.2
External Transfer Rate (Mbytes/sec)	10	20	20	24	10	20
Multisegmented Cache (Kbytes)	512	512	2,048	512 (buffer)	1,024	1,024
Track-to-Track Seek, R/W (msec)	0.9/1.7	0.9/1.7	0.9/1.7	0.9/1.7	0.9/1.7	0.9/1.7
Average Seek, Read/Write (msec)	10/11	10/11	10/11	10/11	11/12	11/12
Maximum Seek, Read/Write (msec)	22.5/23.5	22.5/23.5	22.5/23.5	22.5/23.5	23/24	23/24
Spindle Speed (RPM)	5,400	5,400	5,400	5,400	5,400	5,400
Average Latency (msec)	5.56	5.56	5.56	5.56	5.56	5.56
Configuration/Organization						
Discs/Data Surfaces	11/21	11/21	11/21	11/20	14/27	14/27
Servo Heads	1	1	1	1	1	1
Bytes per Track	49,000 to 72,800	49,000 to 72,800	49,000 to 72,800	97,998 to 145,598	61,600 to 91,000	61,600 to 91,000
Sectors per Drive (512 Bytes/sector)	5,688,447	5,688,447	5,688,447	NA	17,755,614	17,755,614
Bytes per Cylinder	1,029,000 to 1,528,800	1,029,000 to 1,528,800	1,029,000 to 1,528,800	979,980 to 1,455,980	1,663,200 to 2,457,000	1,663,200 to 2,457,000
Cylinders	2,738	2,738	2,738	2,738	4,925	4,925
Recording Method	RLL (1,7)	RLL (1,7)	RLL (1,7)	RLL (1,7)	RLL (1,7)	RLL (1,7)
Reliability and Data Integrity						
MTBF Class A Computer Room	300,000	300,000	300,000	300,000	NA	NA
Office Environment	200,000	200,000	200,000	200,000	500,000	500,000
Service Life (yrs)	5	5	5	5	5	5
Recov Read Errors per Bits Read	10 per 10^{11}	10 per 10^{11}	10 per 10^{11}	10 per 10^{11}	10 per 10^{11}	10 per 10^{11}
Nonrecov Read Errors per Bits Read (For Elite 9, Sectors per Sectors Read)	10 per 10^{15}	10 per 10^{15}	10 per 10^{15}	10 per 10^{13}	1 per 10^{14}	1 per 10^{14}
Seek Errors (per seek)	10 per 10^8	10 per 10^8	10 per 10^8	10 per 10^8	10 per 10^8	10 per 10^8
Limited Warranty (yrs)	5	5	5	5	5	5
Power Requirements						
DC, Typical/Idle (watts)	33/30	33/30	33/30	44/40	26/22	26/23
Environmental						
Operating						
Temperature (°C)	5 to 50	5 to 50	5 to 50	10 to 45	10 to 45	10 to 45
Relative Humidity (% Noncond)	5 to 95	5 to 95	5 to 95	5 to 95	5 to 95	5 to 95
Physical						
Height (inches/mm)	3.25/82.6	3.25/82.6	3.25/82.6	3.25/82.6	3.25/82.6	3.25/82.6
Width (inches/mm)	5.75/146.1	5.75/146.1	5.75/146.1	5.75/146.1	5.75/146.1	5.75/146.1
Depth (inches/mm)	8/203	8/203	8.7/221	8.7/221	8/203	8/203
Weight (lb/kg)	7.9/3.6	7.9/3.6	8.1/3.7	8.1/3.7	7.9/3.6	7.9/3.6

* Capacity calculated with typical sparing. Sparing is user optional.

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